Lateef Usman: Life Cycle of a Star

My name is Lateef Usman and I will tell you about my life cycle. I am a spectral class G star and I burn over 5,920 K. I am in the main sequence phase and I am in the young middle years of my life. I am a strong, relatively active, and I am still burning hydrogen. I keep in shape by battling with the strong force of gravity. I am a bright yellow, and I shine brightly. I was born in a nebula made out of dust and gas. A reaction from another exploding star set off my creation. The gas and dust began to fuse together and attract more gas and dust. It is similar to a developing human fetus. As I was now a prostar, I had to reach a critical temperature in my core. I reached the temperature of nuclear fusion and opened my eyes as a star. When I was growing up as a sequence star; my favorite cousin Centauri was my best friend. He was also a main sequence and formed around the time I did. I hated to go to my uncle Betelgeuse because he so massive. He would try to hug me, and would almost consume me! That is one of my worst moments. I got along with my all types to stars in star school. I know one day I will become a red giant as I am through with nuclear fusion to helium burning. I will start to expand to begin to cool. The star doctors say it is to poor diet and lack of exercise. I will reach huge size; and then I will start to contract when I start to burn carbon. I will shrink and then blow into a magi- cent planetary nebula. The only object to remain will be my shrunk, small, and shriveled self as a white dwarf. I will just spend my days telling younger stars about my life cycle. That is my life cycle as a typical low to medium mass star.